

\$15.00

THE NIGHT BEFORE



Christmas

and

Christmas Songs

CROSS
EDUCATIONAL
SOFTWARE

THE NIGHT BEFORE CHRISTMAS

and CHRISTMAS SONGS



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GETTING STARTED - DOS 3.2

The disk was made in the newer DOS 3.3 (16 sector) format. It has a program called 'DENUFFIN' to convert all the programs to DOS 3.2 for older disk drives. To convert the disk, first initialize a blank diskette under DOS 3.2. Then take it plus the Christmas disk to a friend who has DOS 3.3. He will show you how to transfer all the programs to your 3.2 diskette.

GETTING STARTED - DOS 3.3

The disk has Applesoft versions of each program on the front and Integer Basic on the back side. All you have to do is insert the disk in your drive and turn on the power. The HELLO program will run and show you a menu. Then you press "1" or "2" to run one of the programs. The computer will load it and run it for you.

PROGRAM DESCRIPTIONS

Both of these are long programs written by a master of Apple music and low resolution color graphics. They are meant to help you celebrate the Christmas season.

CHRISTMAS SONGS

This is the third in a series of three caroling programs by Dr. Coleman. The other two in the series have religious carols. CAROLING I is for sale on another disk with THE STORY OF CHRISTMAS from Cross Educational Software. CAROLING II may be purchased from Dr. Coleman for \$7.50. He also has a catalog of computer programs for home management. The menu of CHRISTMAS SONGS gives these choices:

- 0.. CHANGE PITCH OR TEMPO
- 1.. JINGLE BELLS
- 2.. DECK THE HALLS
- 3.. RUDOLPH THE RED NOSED REINDEER
- 4.. UP ON THE HOUSETOP
- 5.. THE TWELVE DAYS OF CHRISTMAS
- 6.. WE WISH YOU A MERRY CHRISTMAS.

All of these songs are illustrated with full color graphic displays. The words are printed under the pictures to help you sing along.



THE NIGHT BEFORE CHRISTMAS

This combines the poem by Clement C. Moore with full color illustrations. Here is the outline.

PICTURE: LIVING ROOM

'TWAS THE NIGHT BEFORE CHRISTMAS,
WHEN ALL THROUGH THE HOUSE,
NOT A CREATURE WAS STIRRING,
NOT EVEN A MOUSE.

PICTURE: MOUSE OUT AND BACK INTO HOLE

THE STOCKINGS WERE HUNG
BY THE CHIMNEY WITH CARE,
IN HOPES THAT SAINT NICHOLAS
SOON WOULD BE THERE.

PICTURE: CHILDREN IN BED
WITH DANCING CANDY

THE CHILDREN WERE NESTLED
ALL SNUG IN THEIR BEDS
WHILE VISIONS OF SUGARPLUMS
DANCED IN THEIR HEADS,

PICTURE: EXTERIOR OF HOUSE

AND MAMA IN HER KERCHIEF
AND I IN MY CAP,
HAD JUST SETTLED DOWN
FOR A LONG WINTER'S NAP.
WHEN OUT ON THE LAWN
THERE AROSE SUCH A CLATTER,
I SPRANG FROM MY BED TO SEE
WHAT WAS THE MATTER.
AWAY TO THE WINDOW
I FLEW LIKE A FLASH,
TORE OPEN THE SHUTTERS
AND THREW UP THE SASH.

PICTURE: OPEN FIELD AND SKY

THE MOON ON THE BREAST
OF THE NEW-FALLEN SNOW,
GAVE A LUSTER OF MIDDAY
TO OBJECTS BELOW,

PICTURE: SLEIGH MOVING ACROSS SKY

WHEN, WHAT TO MY WONDERING
EYES SHOULD APPEAR,
BUT A MINIATURE SLEIGH,
AND EIGHT TINY REINDEER;
WITH A LITTLE OLD DRIVER,
SO LIVELY AND QUICK,
I KNEW IN A MOMENT
IT MUST BE ST. NICK.

PICTURE: DEER'S FEET ARE MOVING

MORE RAPID THAN EAGLES
HIS COURSERS THEY CAME.
AND HE WHISTLED, AND SHOUTED,
AND CALLED THEM BY NAME:

PICTURE: DEER TURN BY PAIRS AS
THEIR NAMES ARE CALLED

NOW, DASHER!....NOW, DANCER!....
NOW PRANCER!....AND VIXEN!....
ON, COMET!....ON, CUPID!....
ON, DONNER!....AND BLITZEN!....
TO THE TOP OF THE PORCH,
TO THE TOP OF THE WALL,
NOW DASH AWAY, DASH AWAY,
DASH AWAY ALL!

AS DRY LEAVES THAT BEFORE THE
WILD HURICANE FLY,
WHEN THEY MEET WITH AN OBSTACLE,
MOUNT TO THE SKY,
SO UP TO THE HOUSE-TOP
THE COURSERS THEY FLEW
WITH A SLEIGH FULL OF TOYS,
AND ST. NICHOLAS, TOO.

PICTURE: DEER ON ROOF

AND THEN IN A TWINKLING,
I HEARD ON THE ROOF
THE PRANCING AND PAWING
OF EACH LITTLE HOOF.
AS I DREW IN MY HEAD,
AND WAS TURNING AROUND,
DOWN THE CHIMNEY ST. NICHOLAS
CAME WITH A BOUND.

PICTURE: LIVING ROOM WITH SANTA

HE WAS DRESSED ALL IN FUR,
FROM HIS HEAD TO HIS FOOT,
AND HIS CLOTHES WERE ALL TARNISHED
WITH ASHES AND SOOT;
A BUNDLE OF TOYS
HE HAD FLUNG ON HIS BACK,
AND HE LOOKED LIKE A PEDDLER
JUST OPENING HIS PACK.

PICTURE: SANTA'S FACE

HIS EYES HOW THEY TWINKLED!
HIS DIMPLES HOW MERRY!
HIS CHEEKS WERE LIKE ROSES,
HIS NOSE LIKE A CHERRY.
HIS DROLL LITTLE MOUTH
WAS DRAWN UP LIKE A BOW,
AND THE BEARD ON HIS CHIN
WAS AS WHITE AS THE SNOW.
THE STUMP OF A PIPE
HE HELD TIGHT IN HIS TEETH,
AND THE SMOKE, IT ENCIRCLED
HIS HEAD LIKE A WREATH.
HE HAD A BROAD FACE
AND A LITTLE ROUND BELLY
THAT SHOOK WHEN HE LAUGHED,
LIKE A BOWL FULL OF JELLY.
HE WAS CHUBBY AND PLUMP,
A RIGHT JOLLY OLD ELF.
AND I LAUGHED WHEN I SAW HIM,
IN SPITE OF MYSELF.



PICTURE: SANTA WINKS

BUT A WINK OF HIS EYE,
AND A TWIST OF HIS HEAD,
SOON GAVE ME TO KNOW
I HAD NOTHING TO DREAD;

PICTURE: SANTA IN LIVING ROOM

HE SPOKE NOT A WORD,
BUT WENT STRAIGHT TO HIS WORK,
AND FILLED ALL THE STOCKINGS;
THEN TURNED WITH A JERK,
AND LAYING HIS FINGER
ASIDE OF HIS NOSE,
AND GIVING A NOD,
UP THE CHIMNEY HE ROSE.

PICTURE: EXTERIOR OF HOUSE

HE SPRANG TO HIS SLEIGH,
TO HIS TEAM GAVE A WHISTLE,

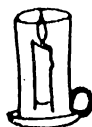
PICTURE: SANTA IN SKY

AND AWAY THEY ALL FLEW
LIKE THE DOWN OF A THISTLE.
BUT I HEARD HIM EXCLAIM
AS HE DROVE OUT OF SIGHT,

PICTURE: COLORED TEXT DRAWN WITH
LOW RESOLUTION GRAPHICS

MERRY CHRISTMAS TO ALL,

AND TO ALL A GOOD NIGHT !



PROGRAMMER'S NOTES

In spite of their length, both programs on this disk use few special tricks and are easy to read. THE NIGHT BEFORE CHRISTMAS has the simpler structure. It just prints text and draws things with very few IF-THEN or GOTO statements that might cause confusion.

CHRISTMAS SONGS is more complicated because it has to jump back and forth between user input from a menu, and the song playing subroutines. Its musical notes are played by a machine language subroutine POKED into memory by subroutine 30100. The tones are easy to play because they are called by ampersand commands (& T PITCH, DURATION) instead of POKES. List lines 7-20 and 30100-30200 of the program for more information. The pitches to play for standard musical notes are:

Pitch	Note	Pitch	Note
29	G#	90	C#
31	G	94	C HIGH
33	F#	100	B
35	F	106	A#
37	E	112	A
39	D#	118	G#
41	D	126	G
44	C#	134	F#
47	C	142	F
50	B	150	E
53	A#	158	D#
56	A	168	D
59	G#	180	C#
63	G	188	C MIDDLE
67	F#	200	B
71	F	212	A#
75	E	224	A
79	D#	236	G#
84	D	255	G



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